

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

DAE-GUNN JEI

Serial No.: *to be assigned*

Examiner: *to be assigned*

Filed: 5 December 2003

Art Unit: *to be assigned*

For: MULTI-PURPOSE HYBRID TERMINAL AND METHOD FOR PREPARING
FAST IMPLEMENTATION OF FUNCTIONS

INFORMATION DISCLOSURE STATEMENT

Mail Stop : Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites and provides copies of the following art references:

1. U.S. Patent No. 6,633,758 to Heinonen *et al.*, entitled *METHODS AND DEVICES FOR OPERATIONAL MODES IN COMMUNICATION DEVICES BEING MODIFIED WITH APPLICATION SPECIFIC PARAMETERS AND OPERATIONAL MODES AUTOMATICALLY LAUNCHING APPLICATIONS OR COMMANDS*, issued on 14 October 2003;

2. Japanese Publication No. 2002-108685 to Mori, entitled *GAME CONTENTS ACQUISITION SYSTEM FOR MOBILE TELEPHONE*, published on 12 April 2002;
3. U.S. Patent No. 5,873,037 to Zicker *et al.*, entitled *MULTIPLE MODE PERSONAL WIRELESS COMMUNICATION SYSTEM*, issued on 16 February 1999;
4. U.S. Patent No. 5,911,121 to Andrews, entitled *METHOD AND APPARATUS FOR AUTOMATICALLY CONFIGURING A CONTROL PROGRAM FOR MOBILE RADIO COMMUNICATION DEVICE*, issued on 18 June 1999;
5. U.S. Patent No. 6,308,061 to Criss *et al.*, entitled *WIRELESS SOFTWARE UPGRADES WITH VERSION CONTROL*, issued on 23 October 2001;
6. U.S. Patent No. 6,314,285 to Isberg *et al.*, entitled *METHOD AND AN ARRANGEMENT RELATING TO EQUIPMENT IN TELECOMMUNICATION NETWORKS*, issued on 6 November 2001;
7. U.S. Patent No. 6,418,309 to Moon *et al.*, entitled *APPARATUS AND METHOD FOR CONFIGURING SETTING OF A PORTABLE INTELLIGENT COMMUNICATIONS DEVICE DURING A MEETING*, issued on 9 July 2002;

8. U.S. Patent No. 6,434,364 to O'Riordain, entitled *WIRELESS COMMUNICATION THAT SUPPORTS MOBILE TEST SOFTWARE AGENTS* , issued on 13 August 2002;
9. U.S. Patent No. 6,524, 189 to Rautila, entitled *MULTI-PLAYER GAME SYSTEM USING MOBILE TELEPHONE AND GAME UNIT*, issued on 25 February 2003;
10. U.S. Patent No. 6,602,191 to Quay, entitled *METHOD AND APPARATUS FOR HEALTH AND DISEASE MANAGEMENT COMBINING PATIENT DATA MONITORING WITH WIRELESS INTERNET CONNECTIVITY*, issued on 5 August 2003;
11. U.S. Patent No. 6,052,603 to Kinzalow *et al.*, entitled *SYSTEM FOR INTERFACING A COMMUNICATION DEVICE WITH A RADIO FOR HANDS-FREE OPERATION*, issued on 18 April 2000;
12. U.S. Patent No. 6,554,707 to Sinclair, entitled *INTERACTIVE VOICE, WIRELESS GAME SYSTEM USING PREDICTIVE COMMAND INPUT*, issued on 29 April 2003;
13. U.S. Patent No. 6,658,455 to Weinman, Jr., entitled *METHOD AND SYSTEM FOR*

*AN ENHANCED NETWORK AND CUSTOMER PREMISE EQUIPMENT
PERSONAL DIRECTORY*, issued on 2 December 2003; and

14. Japanese Patent Publication No. 04-083447 to Kudo et al., entitled *MOBILE RADIO TELEPHONE SYSTEM*, published on 17 March 1992.
15. U.S. Patent No. 6,078,806 to Heinonen *et al.*, entitled *METHODS AND DEVICES FOR OPERATIONAL MODES IN COMMUNICATION DEVICES BEING MODIFIED WITH APPLICATION SPECIFIC PARAMETERS AND OPERATIONAL MODES AUTOMATICALLY LAUNCHING APPLICATION OR COMMANDS*, issued on 14 October 2003.
16. U.S. Patent No. 6,658,249 to Hietalahti *et al.*, entitled *METHOD AND ARRANGEMENT FOR SETTING DATA TRANSFER PARAMETERS IN A DATA TRANSFER SYSTEM*, issued on 2 December 2003.
17. U.S. Patent No. 6,272,359 to Kivela *et al.*, entitled *PERSONAL MOBILE COMMUNICATIONS DEVICE HAVING MULTIPLE UNITS*, issued on 7 August 2001.

DISCUSSION

Heinonen '758 contemplates "at least one command to be automatically launched when the at least operational mode becomes a current operational mode currently used by the communication device may be entered into at least one operational mode of a communication device by the user." Column 3, lines 44-48.

Mori JP '685 describes one system for acquiring a gaming program on the mobile telephone.

Zicker *et al.* U.S. '037 discloses a wireless communication system that reserves an enhanced operation on independent pico cells for a select group of customers.

Andrews U.S. '121 discloses an interchangeable component of a mobile telephone bearing a programable controller, with a program selector indicating the program configuration selective.

Criss *et al.* U.S. '061 discloses a mobile device communicating wirelessly with a host computer on the system backbone with a software update schedule table dividing one or more times at which the mobile device is to inquire and obtain of available software upgrades.

Isburg *et al.* U.S. '285 provides selective operational modes with a pre-selective subset of operational settings and prompting messages that present to the user.

Moon *et al.* U.S. '309 discloses an operational mode with various settings configured for activation upon initiation of meetings and deactivation upon completion of the meetings.

O'Riordain U.S. '364 provides a mobile test software modules executable by mobile stations one place a test mode by execution of a downloaded MTSA.

Rautila '189 links multiple users each having game units with mobile phones with a first

transceiver connected to a cellular network and a second transceiver connected to a short range, low power radio frequency line, to enable multi-player game systems.

Quy '191 suggests combining a health monitoring device with a wireless device to enable communication via the wireless device to and from a software application running on an internet-connected server accessible by health professional specialists.

Kinzalow et al. '603 contemplates hands-operation of a cellular telephone in an automobile, with an interface between the cellular phone and installations of amplifiers, speakers, microphone and handset within the automobile.

Sinclair et al. '707 discusses a text-based interactive game played on a mobile station equipped with an interactive voice response unit (IVRU) resident in the mobile station.

Weinman U.S. '455 uses either a personal directory or a dumb telephone terminal via subscriber of a network, and provides various techniques for maintaining a personal telephone directory within the phone.

Kudo et al. JP '447 contemplates various integrated chip cards that might be inserted into a mobile radio telephone system, and that information contained on the cards could be read and executed by the telephone system.

Heinonen et al. '806 contemplates the addition of a module card removably applied to a module card connector in a mobile phone in order to complement applications which have a first mode of operation and a second mode of operation, with the first mode of operation remaining in the background, passively, while the second mode of operation is active to control the central processing unit of the mobile station. Peripheral equipment such as a display, keypad, status

indicators and data ports may be requested when switching to the second mode of operation. A switch from the first mode of operation to the second mode of operation is contemplated "when a certain condition, defined in the application, has been satisfied." Column 3, lines 1-3.

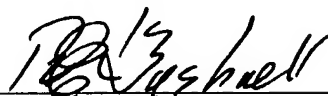
Hietalahti '249 contemplates changing channel configurations of a wireless connection that was initially established as a speech connection, as necessary and independently of the configuration selected at the establishment of the connection.

Kivelä et al. '359 contemplates the addition of a removably bidirectional link module with a telephone, such as a radio telephone.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,



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	APPLICANT DAE-GUNN JEI	
	FILING DATE December 10, 2003	GROUP <i>to be assigned</i>

U.S. PATENT DOCUMENTS						
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,633,758	10/03	Heinonen <i>et al.</i>			
	5,873,037	02/99	Zicker <i>et al.</i>			
	5,911,121	06/99	Andrews			
	6,308,061	10/01	Criss <i>et al.</i>			
	6,314,285	11/01	Isberg <i>et al.</i>			
	6,418,309	07/02	Moon <i>et al.</i>			
	6,434,364	08/02	O'Riordain			
	6,524,189	02/03	Rautila			
	6,602,191	08/03	Quy			
	6,052,603	04/00	Kinzalow <i>et al.</i>			
	6,554,707	04/03	Sinclair <i>et al.</i>			
	6,658,455	12/03	Weinman, Jr. <i>et al.</i>			
	6,078,806	6/00	Heinonen <i>et al.</i>			
	6,658,249	12/03	Hietalahti			
	6,272,359	8/01	Kivelä <i>et al.</i>			

FOREIGN PATENT DOCUMENTS						TRANSLATION	
	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SUBCLASS	YES	NO
	JP No. 04-083447	3/17/92	Japan				
	JP No. 02-108685	4/12/02	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER:	DATE CONSIDERED:
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>	